



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340

(801) 359-3940 (Fax)

Partial: XXX Complete: Exploration:

Inspection Date & Time: 7/28&29/98 / 8:00a.m.-10:00a.m.

Date of Last Inspection: 6/26/98

Mine Name: Bear Canyon Mine County: Emery Permit Number: ACT/015/025

Permittee and/or Operator's Name: Co-Op Mining Company

Business Address: P. O. Box 1245, Huntington, Utah 84528

Type of Mining Activity: Underground XXX Surface Prep. Plant Other

Company Official(s): Miles Stevens

State Officials(s): Peter Hess Federal Official(s): None

Weather Conditions: Cool, Partly Cloudy, 70's

Existing Acreage: Permitted- 1032.75 Disturbed- 24 Regraded- 0 Seeded- 0 Bonded- 24

Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-

Status: Exploration/ XXX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT
(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 7/28&29/98

(Comments are Numbered to Correspond with Topics Listed Above)

NOTE: According to the permittee's precipitation data, the Bear Canyon site has received 0.84 inches of rainfall from July 22-27, 1998.

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee is in the process of removing all of the conveyor belting which is underground in the Bear Canyon #1 Mine (Hiawatha seam). This belt will be wound for reuse in the Bear Canyon #2 Mine, (Tank seam). At this point, it is the permittee's intent to temporarily seal the #1 Mine; no mining is intended there for approximately the next ten years. This will require a revision to Plate 3-4B (mining sequence) of the Bear Canyon mining and reclamation plan, as indicated by Mr. Reynolds.

4. HYDROLOGIC BALANCE: DIVERSIONS

As noted during today's inspection, the following diversions needed to have sediment removed to make them fully functional for the next precipitation event:

- 1) The 12 inch culvert immediately upgrade of the Tank seam access road topsoil pile. Erosion is taking place in the ditch at the discharge end of this diversion.
- 2) The culvert immediately in front of the Hiawatha intake portal.
- 3) The road ditch upgrade of the material storage area which lies west of the mine substation was observed to be silted in, to the extent that flow had jumped the ditch and was running across the road uncontrolled. This ditch requires constant maintenance in that it is difficult to get sufficient ditch depth due to sandstone members in the area.

Continuous maintenance with a road grader is necessary to keep flows in the ditch.

4c. OTHER SEDIMENT CONTROL MEASURES

The following road ditch silt fence installations contained the maximum volume of sediment and had been overtopped by flows:

- 1) The road ditch silt fence directly below the Hiawatha intake portal.
- 2) The two road ditch silt fences immediately downgrade of the Tank seam topsoil pile.

INSPECTION REPORT
(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 7/28&29/98

(Comments are Numbered to Correspond with Topics Listed Above)

Upon noting the inspection items above, this inspector returned to the Engineering office and spoke with Mr. Charles Reynolds, Environmental Coordinator for the Bear Canyon Mine. Mr. Reynolds was informed of the problems noted above. An immediate effort was made by the permittee to begin the necessary maintenance to return these hydrologic controls to full function.

As determined by the follow up inspection conducted on 7/29/98, the aforementioned items have been corrected to function as designed..

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:

Mailed to: Charles Reynolds (Co-Op)

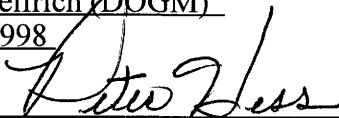
Henry Austin (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: July 29, 1998

Inspector's Signature: _____



#46

Peter Hess